

# **Combat Air Forces (CAF)**

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***Sustaining the Combat Capability of America's Air Force***

## **Air Force Engineering and Technical Services (AFETS) Update**



**U.S. AIR FORCE**

**HQ AETC/LG-ETS  
24 March 2004**

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***I n t e g r i t y - S e r v i c e - E x c e l l e n  
c e***

# AFETS UPDATE

- In Garrison AFETS Support
  - Primary POCs - Technical Experts
- Deployed AFETS Support
  - Operation Iraqi Freedom/Operation Northern Watch
- Air Force Knowledge Management (AFKM)  
ETS site
- Cost Avoidance Reporting
  - Equipment
  - Training
- Lessons Learned

# What AFETS Do

- Train, troubleshoot, and advise.
- 470+ Emergency Essential DoD Civilians
  - More than 65 AFETS deployed for Operation Iraqi Freedom
- Act as engineering liaison with ALCs and contractors
- Expert Advisors

# AFETS Support

- Air Force Engineering and Technical Services (AFETS) Combat Air Forces (CAF) POC
  - CAF is ACC, USAFE, PACAF, and AETC
- Remote Users - Aircraft and Comm Units
  - A-10, C-130, F-15, F-16, F-22, F-117, U-2, UAV, Global Hawk, B-1B, B-2, B-52KC-135, JSTARS, JSF, Communications Systems, C-9, HH-60, and AWACS.

# Questions Asked of Deployed AFETS

1. Did you bring a laptop with drawings pre-loaded?
2. Did you carry a CD library of drawings with you?
3. Did you dial in for drawings?
4. Did your Home Unit fax or e-mail drawings to you?
5. How many times did you use drawings?
6. What did you use drawings to fix/troubleshoot?

# KG - 325 MXG AFETS

- I had a laptop with drawings pre-loaded.
- I did carry CD library of drawings.
- I did dial in for drawings.
- Home Unit did fax or e-mail drawings.
- I used drawings “All The Time!”
- Now for my story, I was at PSAB this time last year for AEF #7 which turned into Gulf War II. I used the set of disks and laptop I brought from Kadena AB all through my deployment. The F-15 Depot would email drawing to me if we could not bring them down off JEDMICS. So in short; this is a powerful tool that we need to help our costumer at home and on deployments. Sure wish I had this kind of access on the F/A-22 program, it would help a lot.

# RJ - 48 MXG AFETS

- I brought a laptop with me and had drawings and T.O.'s pre-loaded.
- I did carry the CD library of drawings.
- Did not need to dial in for drawings.
- I used the drawings about once every two or three weeks.
- I mostly used drawings to make pneumatic lines.

# CA - 31 MXG AFETS

- I did not bring a laptop with drawings pre-loaded. I bought a 40 GB Buslink external hard drive and installed them on it.
- 2. I did carry a CD library of drawings. We had computer problems last year in Kuwait and I had the Gold Disks so I could access drawings on anyone's computer. (recommendation: I learned the hard way to carry a spare copy of a TIFF file viewer program).
- 3. I did dial in for drawings. In Kuwait I set up a JEDMICS account with Tinker and it was very hard to get it to work. Dealing with the local Comm and CENTAF out of Shaw to approve access thru the base firewall was cumbersome. I have used the new internet access many times here in Qatar with few access problems (usually Ogden).
- 4. Home Unit did not have to fax or e-mail drawings.
- 5. How many times did you use drawings? In Kuwait I'll estimate I printed at least a dozen for local manufacture of parts and another 15 for system schematics. Here in Qatar so far about the same.



# CA - Page 2 of 3

- 6. What did you use drawings to fix/troubleshoot? JEDMICS has saved our asses on numerous parts, harnesses, test sets and troubleshooting. Some examples are: Jet Fuel Start Fuel Valve Stud Mount, Hydraulic Tubing, Aircraft Access panels (numerous), Engine Red Rail attach Bracket, Engine Warning Test Set Harness, Emergency Power Unit Cold Gas Spin Tester, Instrument Lighting parts, Aircraft wiring, Hydraulic System Schematics, and Wiring Diagrams.
- **NOTE:** I've printed out many wiring diagrams as temporary replacement T.O. pages due to damage (oil soaked wind torn and general misuse/abuse) until replacement pages were obtained from home station. Also, I've printed drawings of schematics to the screen and expanded them to show better detail how fluid flows through a component or details of wiring in a cluttered circuit for training and troubleshooting. Bottom line I use and appreciate JEDMICS all the time. Not a doubt in my mind we've saved at least a dozen combat sorties in my last 2 deployments because we had this capability.

# CA - Page 3 of 3

(Feb 2004)

- We had an F-16 declare an emergency and divert to Kandahar Afghanistan. We sent out a team to recover it and they took all the equipment and parts they needed to repair the problem. As aircraft often do, another problem arose that they weren't prepared to fix due to lack of technical data. I was able to print out the wiring schematics, scan and email them in a matter of minutes.

# TJ - 4 MXG AFETS

- 1. Did you bring a laptop with drawings pre-loaded? No, we did have a laptop with PC Jedmics I had the only C4 viewer available and had to lend it to the Clss teams. The lan was so slow we could not download it.
- 2. Did you carry a CD library of drawings with you? Yes we brought the 33 CD that contain the F-15 Drawings.
- 3. Did you dial in for drawings? No
- 4. Did your Home Unit fax or e-mail drawings to you? Yes, we never go the proxy sever to allow us access to the depots. We got drawings, on email. I finally go in touch with WR-ALC and they gave us the web address. It worked great.
- 5. How many times did you use drawings? Not sure exactly but used it a least once a week or more.
- 6. What did you use drawings to fix/troubleshoot? We used it to repair parts, cables, wiring, bolts, suitable parts. A great asset.

# FB - 366 MXG AFETS

- I was deployed to PSAB June - Sept 02, for Operation Southern Watch prior to the war.
- 1. I took a laptop with the Libview program loaded.
- 2. I took the Libview Drawing Library on CD.
- 3. I did not dial in or use JEDMICS via LAN/WAN/Internet (I was unsuccessful attempting to get JEDMICS through the PSAB firewall)
- 4. I did not require drawings from my home unit.
- 5. I used the drawing library upwards of 15 - 20 times.
- 6. I used the drawings to look at specs on brackets and structures that are local manufacture found bad, broken or cracked during inspections (phase, post flight, preflight, etc). I also used them to familiarize myself with the structural issues if depot involvement was necessary, such as an ETAR or 107.

# DH - 366 MXG AFETS

- 1. I didn't have a laptop with me.
- 2. I had a copy of the Boeing CDs that listed most drawings with a 68A part number.
- 3. It took us a long time and a lot of work to get through all the fire walls and other red tape so we could establish a JEDMICS account. We did use this account just like we do at home station.
- 4. I never received any faxed or emailed drawings from home station while deployed, but I did send drawings that I pulled up in JEDMICS to another AFETS at a different deployed location.
- 5. Once we got the system up and running we used it all the time. Not every day, but several times a week. During the time it took to get the system on line I needed it several times and had to spend the extra time and call the engineers at Warner Robins.
- 6. I pulled up drawings for Ribs, Brackets, Panels, Special Hardware, and Hydro. Lines as well as Wire Harnesses.
- It was a very valuable tool and I'm glad I had it.

# JB - 366 MXG AFETS

- 1. Did not have a laptop with drawings pre-loaded.
- 2. Carried CD library for part numbers starting with 68A prefixes.
- 3. We accessed JEDMICS via computer.
- 4. Home Unit did not fax or e-mail drawings.
- 5. How many times did you use drawings? Numerous times (more than 10)
- 6. Used drawings mostly for Structures/Sheet Metal Repairs, Aircraft Hydraulic Tubing, and Special Purpose Cable Harnesses
- **NOTE:** When we arrived in Al Jaber, Kuwait for OEF in Oct 2001, there was no JEDMICS access on base. Two deployments and six months later, we were finally able to establish JEDMICS access through many hours of coordination between CENTCOM, the Al Jaber Comm Squadron, and Arlis Francis@Robins. (access to JEDMICS on our first deployment was unsuccessful due to CENTCOM firewall access and configuration issues). In Jul 2002, we participated in testing the beta version of the JEDMICS webpage for Robins from our site in Kuwait.

# TA - 2 MXG AFETS

- During my first two Deployments I took a Lap Top with my JEDMICS data and viewer installed on it. I would RAS into my home station and pull down drawings through the firewall and then Log off and use the JEDMICS viewer installed on my Lap Top. If I needed to print them out I would hand carry my Lap Top to a Local printer. On my third deployment, the first time I needed a drawing, I was having trouble with Tinker's JEDMICS site and in working out the bugs with them, I discovered that JEDMICS was on the WEB. That was a lot better than having to dial up and download drawing to my Lap Top. From that point on, I used the WEB Based JEDMICS without any trouble. I don't recall ever having drawings sent to me. Sometimes we find a drawing that isn't loaded however, Tinker is great at getting them loaded for us.
- Almost daily I would pull drawings for one or more of the following:
  - 1. Part identification and location. For example, we did not have the IPB for an escape hatch. I pulled the drawing and was able to locate a P/N for the item we needed. On a few times, the P/N listed in the IPB could not be found in FED LOG. I was able to pull the drawing and find a good P/N. AFTO 22's were sent in to change the IPB IAW drawing number used.
  - 2. To local manufacture or re-work parts IAW engineering disposition.
  - 3. To find wear tolerances that were not in the Tech Order. AFTO 22 followed to correct the Tech Data IAW drawing number used.
  - 4. Skin drawings, for material thickness and panel location.
  - 5. Trouble shooting.
  - 6. To aid with QDR's of defective parts received from supply.

# BS - 48 MXG AFETS

- Used JEDMICS 4 times in Iraq. The drawings were for hydraulic tubes. He was in a shack at the end of the runway. There were a few LAN drops, but not enough. They could not establish a good connection to pull drawings. He was able to e-mail requests to Lakenheath for drawings and rx the drawing the next day. Not the best support when you are in the middle of troubleshooting or working a problem. Web access would have been great.
- A laptop computer was carried with the JEDMICS software loaded on it. All computers are turned in to the Small Computers/LAN Shop at the TDY destination so the local network software can be loaded. This can take several days.



# DR - 552 MXG AFETS

- Operation Enduring Freedom - deployed to Oman
- Used drawings for installation and troubleshooting of classified carry on equipment not in the Tech Orders.
  - Contacted Wing product improvement, engineering drawings were emailed.
- Used drawings for system wiring relating to aircraft emergency lighting and cooling panel operation.
  - Contacted Boeing engineering at Tinker and had Boeing drawings faxed. JEDMICS was unavailable at this location during this time as there were no laptops loaded with the correct libraries, software etc.

# JS - 57 MXG AFETS

- I setup and used JEDMICS while I was in Diego Garcia and Oman in 2001.
- I downloaded the software off the LAN they setup in Comm and then loaded the software off a CD I burned there.
- I used JEDMICS for B-1B data from Tinker.
  - Comm opened the firewall ports and there were no problems from there.

# RC - 1 MXG AFETS

- I took a Laptop with the F-15 CD library to Saudi.
- We were deployed to a forward location (Tabuk).
- We had poor communications back to home station.
- The supply train for parts was also very limited.
- Had we needed to make a part or look up a specific drawing it would have been difficult and very time consuming to get the information from home station.
- We were fortunate not to need any drawings while deployed, but knowing we had the drawings available was an asset for the Wing to ensure the ability to keep aircraft flying while deployed in support of Iraqi Freedom.

# LS - 1 MXG AFETS

- I didn't take a laptop or an F-15 CD library with me while deployed to Incirlik, Turkey in support of Operation Northern Watch/Iraqi Freedom.
- We too were fortunate not to need any drawings while deployed, but if needed I could have received drawings from home station without any problems.

# AM - 20 MXG AFETS

1. I did not bring a laptop with drawings preloaded.
2. I did not bring a C/D library.
3. I did not dial in for drawings.
4. My home unit did fax or e-mail drawings.
5. I used drawings a total of three times.
6. I used drawings to fix / troubleshoot: electrical systems, EPU, and local manufacture items (hydraulic lines).

# JB and CK

## 388 MXG AFETS

Deployed: 9 Jun - 8 Sep 03

- We did not bring a laptop with drawings preloaded (plan to do so the next time with the Gold Disk loaded on a portable external Hard Drive: 165 GB)
- We did not bring Gold Disk
- We used two methods to retrieve drawings
  - Call our base or other bases and have assigned AFETS retrieve drawings for us.
  - Access the JEDMICS Web access for Hill and get drawings. Did not like that you had to completely download the drawings one page at a time to see if that page was what you needed.
- We accessed drawings approx 20+ times during the deployment.
- Manufacture of damaged or broke brackets, tube manufacture, wing corrosion damage assessment (370 tank mount), damaged aircraft structure from accident investigation, ADG case drain repair, valves, structures, ECS equipment, ADG, misc. equipment, and many tubes.

# DT - 7 MGX AFETS

- 1. We did not bring a laptop.
- 2. We did not have a CD library (B-1B aircraft).
- 3. We accessed drawings via the internet.
- 4. We did not have drawings e-mailed or faxed.
- 5. We accessed drawings approx 15 times during the deployment.
- 6. We used drawings to manufacture several parts, i.e. bushings.
  - To troubleshoot a NLG down lock spring problem and using the manufacture's drawings to develop a tech order removal and installation procedure, that was put in the 32JG tech order.
  - To troubleshoot a spoiler blocker valve/manifold problem.
  - To troubleshoot several ECS problems.

# LM - 57 MXG AFETS (A-10) Aircraft

- I did carry a personal lap top (not government furnished) to Iraq but no it was not pre-loaded.
- I did not carry a CD library with me.
- Attempts were made to dial in for drawings but seldom worked.
- My home unit and other closer AFETS contacts (Spangdahlem) were able to support my JEDMICS requirements. Usually by retrieving the documents at their locations and e-mailing them to me.
- I used drawings too many times to have kept count but for sure a minimum of 10 times during my more than 5 month stay.
- Drawings were used for mostly aircraft problems found during Phase inspections.



# GA - 33 MXG AFETS

- 1. I did not bring a laptop with the drawings pre-loaded. Our computers do have the operating programs for JEDMICS or the Drawing Library CD's loaded to them.
- 2. I did carry the CD library of drawings. Keep in mind the F-15 Library that we have is dated 11 Nov 1997. The library is nice to have incase the web can't be accessed and I would like to think that there is an updated library out there somewhere. Any information that could be provided to us on how we could get updated CD's would be greatly appreciated.
- 3. No drawings were dialed in for. Everything was on the CD's.
- 4. No drawings were faxed or e-mailed.
- 5. I used drawings 3 times.
- 6. The first 2 times it was for the manufacture of hydraulic lines and the 3rd was for manufacture of a pitot static line.

# MA - 23 MXG AFETS

- We deployed to both Kuwait and Iraq with the JEDMICS system loaded on our laptop.
- While in Kuwait, I was able to access the system using the PC JEDMICS system, which I had been able to do for past deployments.
- When I went into Iraq, it was a bit more difficult since LAN capabilities were limited at first. During this time I would either go to home station or most often to Spangdahlem and have them send the drawings through e-mail. With the viewer installed on the laptop, I had no problem viewing.
- As the network developed, I was able to access JEDMICS in the normal LAN channels and through the internet web site.
- The majority of my drawings were used for structural repairs.

# PH - 7 MXG AFETS

- 1. I did not bring a laptop with drawings pre-loaded.
- 2. I did not carry a CD library of drawings.
- 3. I did dial in for drawings.
- 4. My Home Unit did send drawings.
- 5. I used drawings several times.
- 6. What did you use drawings to fix/troubleshoot?
  - I used drawings to make air duct, hydraulic line routing, part numbers for 14 inch bomb racks, for skins fix of flaps on wings.

# SG - 23 MXG AFETS

- Used many drawings
- Due to various levels of communication
  - Some drawings were faxed
  - Some drawings were e-mailed

# RH - 718 AMXS AFETS

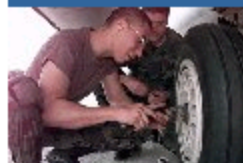
- HH-60 Avionics deployed with the 66 RQS.
- Deployed to Operation Iraq Freedom - February to May of 2003.
- I hand carried 3 two inch binders full of drawing with me.
- Most of them were structural drawing that we did not use, but we were preparing for infield Battle damage repairs.
- During our deployment we tried to access the system from theater and there was some computer issue.
- I do believe the program to access was not loaded on the deck tops that we were using. We had the Depot at Warner Robins email us a drawing.
- We needed this to troubleshoot any upgraded system that the current tech data in theater had not caught up to at the time.
- We performed a modification in the field while we were deployed to give us greater capability and I do believe all of those prints were hand carried by the engineers, that came to theater to assist in the install and approval of the modification.

# CS - 718 AMXS AFETS

- I had the home unit fax me what drawings I needed.
- It was too much of a hassle to get JEDMICS in the field.

# Air Force Knowledge Management (AFKM) ETS Workspace

- <https://afkm.wpafb.af.mil/ASPs/ETS/entry.asp?Filter=E>
- Search capability
- AFETS Monthly Reports
  - Trend data
  - Repairs
  - JEDMICS usage tracking
- Cost Avoidance
  - JEDMICS usage tracking
- Lessons Learned



## Welcome to the Engineering and Technical Services Workspace

### SEARCH ETS

[GO](#)[Search Smarter](#)[ETS Communities of Practice](#)

### ETS REPORTS

[4027's](#)[Cost Avoidance](#)

The ETS Workspace is an integrated digital environment for capturing and sharing ETS knowledge. This web-enabled database is a repository of information for [ACC Maintenance Support Office](#). It contains limited access information open to users within mil/gov domains. The ETS Workspace allows you to search for information on weapon systems, equipment and Cost Avoidance repairs submitted by 450 ETS specialists worldwide.

User Name

Password

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"Mental notes aren't worth the paper they're written on.  
Document and share what you know!"

Senior Site Administrator: Steven Wypiszynski  
HQ AFMC/DR 937-656-2356 DSN: 986-2356  
Last Modified on Friday, March 12, 2004 v8.60

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## ETS Communities of Practice

[ACC MSD](#)
[AF Forms/Pubs](#)
[AF Tech Orders](#)
[Deskbook](#)
[Mil Specs](#)
[STINET](#)
[USAF AFETS](#)
[My User Info.](#) Please verify your grade by selecting [Edit My User Info](#)
**Welcome Frank**

Monday, March 15, 2004

### ETS Search


[Search Smarter](#)

### Submit Reports

[AF Form 4027](#)
[Cost Avoidance - Equipment](#)
[Cost Avoidance - Training](#)
[Lessons Learned](#)

### Administer Reports



- [4027 Reports \[Status\]](#)
- [Cost Avoidance Reports](#)
- [Reports by Subordinate](#)

### Search Reports



- [4027 Reports](#)
- [Cost Avoidance Reports](#)
- [Lessons Learned](#)

### My 4027 Reports - Status

- [February Form started: 3/11/2004 - In Progress](#)
- [February Form started: 2/9/2004 - In Progress](#)
- [January Form started: 1/21/2003 - In Progress](#)



### My Cost Avoidance Reports - Status



You have not submitted a Cost Avoidance report in the last five months

### My Lessons Learned

You have not submitted any Lessons Learned

[How to use this Workspace](#)
[FAQs](#)
[Edit My User Info](#)
[ETS Directory \[Download\]](#)
[Edit ETS Directory \[Add User\]](#)
[ETS Workspace Admin](#)
[Log Out](#)

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Su	Mo	Tu	We	Th	Fr	Sa
29	1	2	3	4	5	6
7	8	9	10	11	12	13
14	<b>15</b>	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

### Stats at a Glance

#### Total CA this FY:

Training: \$341,338

Equipment: \$7920,669

#### Total Reports:

4027s: 14,662

Cost Avoidance: 361

Lessons Learned: 36

#### Delinquent 4027s:

Jan 19

Dec 11

#### ETS Site Metrics

### DISCUSSION

- [Aircraft](#)
- [Communications](#)
- [Cost Avoidance](#)

### MAILING LISTS

[ETS - General](#)
[Network](#)
[F-16](#)
[F-15](#)
[SM Aircraft](#)
[Communications](#)



What is your question?

[Ask!](#)

☒ Match all words(and)   ☐ Match any words (or)   ☐ Natural language   ☐ Exact phrase

What to search:

Search

- ☒ Cost Avoidance
- ☒ AF Form 4027
- ☒ Discussions

How to display your search results:

Display  results per page

Display results ☒ with synopsis   ☐ without synopsis

ETS Unique Searches :

[4027 Reports](#)

[Cost Avoidance Reports](#)

[ETS Home](#) | [How To Use](#) | [Metrics](#)

"Lord, deliver me from the man who never makes a mistake,  
and also from the man who makes the same mistake twice."

Senior Site Administrator: Steven Wypiszynski  
HQ AFMC/DR 937-656-2356 DSN: 986-2356  
Last Modified on Friday, December 19, 2003 v8.60

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**Conduct a search of Cost Avoidance Reports using one of the methods below**

**1. Conduct a keyword search:**

[Search Smarter](#)

**2. Search a Submitter's Name:**

**3. Search Cost Avoidance Reports Based on the Following Criteria:**

**Beginning Month**  **Beginning Year**  **Ending Month**  **Ending Year**

**Weapon System/Equipment:**

**Functional Discipline:**

**4. List Cost Avoidance Reports:**

- ☐ All Cost Avoidance Reports
- ☐ All Cost Avoidance Reports for Training
- ☒ All Cost Avoidance Reports for Equipment

☒ JEDMICS only

**5. Run a Cost Avoidance Summary Report:**

- ☐ Total Costs (\$) Avoided for Training (All Bases & All Years)
- ☒ Total Costs (\$) Avoided for Equipment (All Bases & All Years)

## Engineering Technical Services Monthly Activity Summary

Report Month:

### User Information

<b>Name</b> FRANK PRZYBOROWSKI	<b>AFETS/Contractor</b> AFETS	<b>DSN Phone/FAX</b> 487-4747 / 6054
<b>Unit/Location</b> AETC / RANDOLPH AFB	<b>Weapon System or Equipment/Discipline</b> ADMINISTRATION / AETC LIASON MANAGER	<b>Email</b> frank.przyborowski@randolph.af.mil

Modify..

### TDY

No TDY
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Add..

### Training Received

No Training Received
----------------------

Add..

### Training Accomplished

No Training Accomplished
--------------------------

Add..

### Remarks/Problems/Trends

No Remarks
------------

Modify..

## AF Cost Avoidance Worksheet - Equipment

After updating the Cost Avoidance information, click the Save button to save your information and click the Submit button to submit this CA Worksheet for approval.

### User Information

<b>Name</b> FRANK PRZYBOROWSKI	<b>AFETS/Contractor</b> AFETS	<b>DSN Phone/FAX</b> 487-4747/6054
<b>Unit/Location</b> AETC/RANDOLPH AFB	<b>Weapon System/Equipment</b> ADMINISTRATION	<b>Email</b> frank.przyborowski@randolph.af.mil
<input type="button" value="Modify.."/>		

☐ This report contains information accessed from JEDMICS.

### Cost Avoided

<b>*Required Field</b>			
<b>Date:</b> <input type="text" value="3/15/2004"/> (MM/DD/YYYY)			
<b>System</b> <input type="text" value="ADMINISTRATION"/>	<b>Discipline</b> <input type="text" value="AETC LIASON MANAGER"/>	<b>WUC*</b> <input type="text"/>	
<b>Avoided Cost*</b> \$ <input type="text" value="0.00"/>	<b>ERRC</b> <input type="text"/>	<b>Part Num</b> <input type="text"/>	<b>NSN</b> <input type="text"/>

### Technical Order

<b>Technical Order</b> <input type="text"/>	<b>Figure</b> <input type="text"/>	<b>Index</b> <input type="text"/>	<b>Page Number</b> <input type="text"/>
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### Discrepancy Report

<b>Discrepancy Report</b> <input type="text" value="None"/>	<b>AFTO22</b> <input type="checkbox"/>	<b>AFTO135</b> <input type="checkbox"/>	<b>AFTO1000</b> <input type="checkbox"/>	<b>IDEA Tracking #</b> <input type="text"/>
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<b>Discrepancy Report</b>	<b>AFTO22</b>	<b>AFTO135</b>	<b>AFTO1000</b>	<b>IDEA Tracking #</b>
None ▾	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
<b>Discrepancy</b>	<div></div> <div>▲ ▼</div>			<input type="button" value="Spell Check"/>
<b>Corrective Action</b>	<div></div> <div>▲ ▼</div>			<input type="button" value="Spell Check"/>
<b>Mission Impact</b>	<div></div> <div>▲ ▼</div>			<input type="button" value="Spell Check"/>

#### Responsible POC's

<b>Equipment Specialist/DSN</b>	<b>Item Manager/DSN</b>	<b>Engineer/DSN</b>	<b>Other/DSN</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

#### Additional Comments

#### File Attachments

No Attachments

**AF Cost Avoidance Worksheet - Training**

On this page, you have the opportunity to modify any personal information by clicking the "Modify" button in the User Information section.

After entering your Cost Avoidance information, click the "Save" button to save your information and the Submit button will submit your CA Worksheet for approval.

**User Information**

<b>Name</b> FRANK PRZYBOROWSKI	<b>AFETS/Contractor</b> AFETS	<b>DSN Phone/FAX</b> 487-4747/6054
<b>Unit/Location</b> AETC/RANDOLPH AFB	<b>Weapon System/Equipment</b> ADMINISTRATION	<b>Email</b> frank.przyborowski@randolph.af.mil
<div>Modify..</div>		

☐ This report contains information accessed from JEDMICS.

**Cost Avoided**

\*Required Field

<b>Date:*</b>	<input type="text" value="3/15/2004"/>	(MM/DD/YYYY)
<b>Avoided Cost*</b>	\$ <input type="text" value="0.00"/>	<b>Number of Students*</b> <input type="text"/>
<b>Type of Training*</b>	<input type="text" value="Select a Type"/>	<b>Hours*</b> <input type="text" value="0.00"/>
<b>Course Number</b>	<input type="text"/>	

**Discrepancy Report**

Discrepancy	<input type="text"/>	<div>Spell Check</div>
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☐ This report contains information accessed from JEDMICS.

### Cost Avoided

\*Required Field

Date:*	<input type="text" value="3/15/2004"/>	(MM/DD/YYYY)		
Avoided Cost*	\$	<input type="text" value="0.00"/>	Number of Students*	<input type="text"/>
Type of Training*	<input type="text" value="Select a Type"/>		Hours*	<input type="text" value="0.00"/>
Course Number	<input type="text"/>			

### Discrepancy Report

Discrepancy	<input type="text"/>	<input type="button" value="Spell Check"/>
Corrective Action	<input type="text"/>	<input type="button" value="Spell Check"/>
Mission Impact	<input type="text"/>	<input type="button" value="Spell Check"/>

### Additional Comments

### File Attachments

No Attachments



## Submit an ETS Lessons Learned Report:

**What is a "Lesson Learned"?** A lesson learned is a recorded experience of value. Historically, it has been a conclusion drawn from analysis of feedback information on past and/or current programs, policies, systems and processes. Lessons may show successes or innovative techniques, or they may show deficiencies or problems to be avoided.

• Weapon System/Equipment

All Systems

• Functional Discipline

All Disciplines

**Note: Required entries are in \* red**

**\* Title:** Title reflects the primary topic of the lessons learned. Ideally it should contain unique wording to which the lesson can be tied; usually not the name of the project/program in which the lesson occurred.

**Problem, Observation or Situation:** A description of the driving event that resulted in the lesson being learned. May include a name of the project/program in which the lesson occurred.

**\* Lesson Learned:** A lesson learned is a recorded experience of value. Historically, it has been a conclusion drawn from analysis of feedback information on past and/or current programs, policies, systems and processes. Lessons may show successes or innovative techniques, or they may show deficiencies or problems to be avoided.

# AFKM ETS Workspace

- <https://afkm.wpafb.af.mil/ASPs/ETS/entry.asp?Filter=E>

# Lessons Learned

- Access to JEDMICS is critical to the CAF AFETS mission
- Even with limited communications, ED can be accessed by forward deployed units and weapons systems are being repaired.
- Remote access to JEDMICS is a force multiplier

THANKS TO ALL OF YOU

The AFETS Program  
cannot accomplish the  
mission without your  
dedicated ALC support!

# **Combat Air Forces (CAF)**

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***Sustaining the Combat Capability of America's Air Force***



## **Air Force Engineering and Technical Services (AFETS) Update**

**U.S. AIR FORCE**

**HQ AETC/LG-ETS  
24 March 2004**

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***Integrity - Service - Excellence***